

factor and a light transmission amount at least one of which is changeable;

photoelectric conversion means for receiving an optical image transmitted through said physical element at a position of an imaging plane, and for converting the optical image into an electrical image signal;

memory means for storing a plurality of correcting information for correcting a change [of] in an optical [a physical] characteristic of said physical element [depending on] with respect to a change of at least one the light transmission factor and the light transmission amount of said physical element; and

correction means for correcting the change [of] in the optical [physical] characteristic of the physical element in accordance with the correcting information read out from said memory means corresponding to the light transmission factor or the light transmission amount of said physical element [irrespective of said optical image transmitted through said physical element].

Claim 2, line 2, after "adjusts a", insert
--stored--.

Claim 3, line 2, delete "the correction of", and
change "is achieved" to --corrects said change--; and

line 3, change "for" to --of--.

Claim 4, ~~line 2~~, delete "the correction of", and change "is achieved" to --corrects said change--.

Claim 5, ~~line 2~~, delete "the correction of", and change "is achieved" to --corrects said change--.

Claim 6, ~~line 2~~, delete "the correction of", and change "is achieved" to --corrects said change--.

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9. (Five times amended) A video camera comprising:

a physical element, arranged in a photographing optical system having a light transmission factor and a light transmission amount at least one of which is changeable nonmechanically;

photoelectric conversion means for receiving an optical image transmitted through said physical element at a position of an imaging plane, for converting the optical image into an electrical image signal, and capable of adjusting at least one of a light [alight] accumulation time and a sensitivity;

memory means for storing a plurality of correcting information for correcting a change [of] in an optical [a physical] characteristic of said physical element

[depending on] with respect to a change of at least one the light transmission factor and the light transmission amount of said physical element;

correcting means for correcting the change [of] in the physical characteristic of the physical element in accordance with the correcting information read out from said memory means corresponding to the light transmission factor or the light transmission amount of said physical element [irrespective of said optical image transmitted through said physical element]; and

exposure amount adjustment means for controlling an exposure amount by a combination of adjusting at least one of the light transmission factor and the light transmission amount of said physical element the change of whose characteristics is corrected by said correcting means, and at least one of the light accumulation time and the sensitivity of said photoelectric conversion means.

REMARKS

Reconsideration and allowance of the subject application are respectfully requested.

Claims 1-45 are pending in the application. Claims 13-45 have been withdrawn from consideration. Of the considered claims, Claims 1 and 9 are independent.